



ORNAMENTAL

LAWN
CAREGOLF
MANAGEMENT

Gravity® 38 Special with TakeOff® Technology

Gravity® 38 Special is a superior, patented phosphite formulation that helps increase plant metabolism and improves disease resistance. Now with Takeoff® technology which has been shown to increase the capacity of the plant to take up and utilize Carbon and Nitrogen applied to the rootzone of the plant. This allows for an increase in root and shoot development, as well as an increase in overall plant health. Research demonstrates metabolic stimulation from Gravity® 38 Special applications produce key plant compounds, such as anti-fungal agents, hormones and amino acids. Ingredients like organic acids, humectants and unique surfactants separate this superior phosphite formulation from the competition.

APPLICATION RATE:

1 to 3.5 fluid ounces
per 1,000 square feet

INGREDIENTS:

5% Ammoniacal Nitrogen
15% Soluble Potash (K20)
80% Other Ingredients

FEATURES & BENEFITS

- Helps increase plant metabolism to fight off pests
- Higher load of phosphite per gal compared to most phosphite products
- Superior tank-mix compatibility

PLANT BIOCHEMICAL STIMULATION EFFECTS

Plants were treated with Gravity® 38 Special fertilizer and a standard phosphite. Shikimic Acid, Phenylalanine Lyase and Hydroxyproline levels were increased compared to standard phosphate.

BIOCHEMICAL PATHWAY	% INCREASE OVER "GENERIC" PHOSPHITE
Shikimic Acid (Hormones & Phytoalexins)	163%
Phenylalanine Lyase (Amino Acid Synthesis)	71%
Hydroxyproline (Cell Wall & Ca Metabolism)	154%

RESULTS: TANK MIXING WITH MICRO-ELEMENTS

Left: Gravity 38 Special

Right: Non-Stabilized Phosphite

Phosphite concentration identical / pH = 6.40, 2qts Iron (5%) / 25 gals water, 2 qts Phosphite



HeritagePPG.com | [@heritageppg](https://twitter.com/heritageppg)

ALWAYS READ AND FOLLOW LABEL DIRECTIONS. Because of factors outside of Heritage Professional Products Group control such as weather, soil, planting, and product application; individual results to be obtained, including but not limited to: financial performance, profits, losses and yields cannot be predicted or guaranteed by Heritage Professional Products Group. Gravity® is a registered trademark of Heritage Landscape Supply Group. ©2023 Heritage Landscape Supply Group.